



3/6  
Replacement Sheet

RECEIVED

FEB 06 2004

underlined = deleted in targeting construct

[ ] = sequence flanking Neo insert in targeting construct

TECH CENTER 1600/2900

[CAGCGTCAGACGCAGGGCACTGAGAATGTGCGACAGCGCGCAACGATGAAGTAGCCAG  
AGGGTCCCTTGGAATAATGAGGCCAGGGTCCC] TGCTGCTGCTTGTCTGCTGCTCGCCCT  
GTCCAGGAGCCTGCGGGGCAAGAGTGTGCGTCTCCACCCTGTGA [GTGTCAACAGGAGG  
ACGACTTCAGAGTCACCTGCAAGGAGCTCCACCGAATCCCCAGCCTGCCGCCCAGCACCC  
AGACTCT] GAAGCTCATCGAGACTCATCTGAAGACCATAACCCAGTCTTGCATTTTCGAGT  
CTGCCCCAATATTTCCAGGATCTATTTATCTATAGATGCAACTCTGCAGCGGCTGGAACCA  
CATTTCTTTCTACAATTTGAGTAAAAATGACTCACATAGAAAATCCGGAACACCAGAAGCTTA  
ACCTATATAGACCCCTGATGCCTTGACAGAGCTCCCCCTTGCTCAAGTTTCTTGGCATTTC  
AATACTGGACTTAGAATATTTCCCTGACTTGACCAAAATTTATTCCACGGACATATTCCTTT  
ATACTTGAAAATCACAGACAACCCCTTACATGACTTCGGTCCCTGAAAACGCATTCAGGGC  
CTATGCAATGAAACCTTGACCCTGAAACTGTACAACAATGGATTTACTTCAGTCCAAGGA  
CATGCTTTCAATGGAACAAAGCTGGATGCTGTTTACCTAAACAAGAATAAATACCTGACA  
GCTATAGACAACGATGCCTTTGGAGGAGTATACAGTGGACCAACTTTGCTAGATGTGTCT  
TCCACCAGCGTCACTGCCCTTCCTTCCAAAGGCCTGGAGCACCTCAAAGAACTGATCGCA  
AAAGACACCTGGACTCTCAAAAAGCTCCCGCTGTCGTTGAGTTTCTCCACCTCACTCGG  
GCTGACCTCTCTTACCCGAGCCACTGCTGCGCTTTTAAGAACCAGAAGAAAATCAGGGGA  
ATCCTGGAGTCTTTGATGTGTAATGAGAGCAGTATCCGGAACCTTCGTCAAAGGAAATCA  
GTGAACATCTTGAGGGGTCCCATCTACCAGGAATATGAAGAAGATCCGGGTGACAACAGT  
GTTGGGTACAAAACAAAACCTCCAAGTTCCAGGAGAGCCCCAAGCAACTCTCACTATTACGTC  
TTCTTTGAAGAACAAGAGGATGAGGTCGTTGGTTTCGGCCAAGAGCTCAAAAATCCTCAG  
GAAGAGACTCTCCAAGCCTTCGAGAGCCACTATGACTACACGGTGTGTGGGGACAACGAG  
GACATGGTGTGTACCCCCAAGTCGGACGAGTTTAACCCCTGTGAAGATATCATGGGTAC  
AGGTTCTTGAGAATCGTGGTGTGGTTTGTGCTGCTGGCTCTCCTGGGCAATATCTTC  
GTCCTGCTCATTTCTGCTAACCAGCCACTACAAATTGACCGTGCCGCGGTTCTTCATGTGC  
AACTTGGCCTTTGTCAGATTTCTGTCATGGGGGTATACCTGCTTCTCATTTGCCTCTGTAGAC  
CTGTACACACACTCTGAGTACTACAACCACGCCATCGACTGGCAGACGGGCCCCTGGGTGC  
AACACGGCTGGCTTCTTCACTGTTTTTCGCCAGTGAGTTATCAGTGTACACACTGACGGTC  
ATCACCCCTGGAGCGATGGTACGCCATCACCTTCGCCATGCGCCTGGATAGGAAGATCCGC  
CTCAGGCACGCGTACACCATCATGGCTGGGGGCTGGGTTTCTGCTTCTTCTCGCCCTG  
CTCCCGATGGTGGGAATCAGCAGCTATGCCAAGGTCAGCATCTGCCTGCCAATGGACACC  
GACACCCCTCTTGCCTGCTACATATGTCCTCGTTCTGCTGCTCAATGTTGTTGCCTTT  
GTTGTCGCTGTTTCTGCTATGTGAAGATCTACATCACGGTCCGAAATCCCCAGTACAAC  
CCTCGAGATAAAGACACCAAGATTGCCAAGAGGATGGCTGTGTTGATCTTCACTGACTTC  
ATGTGCATGGCGCCCATCTCCTTCTATGCGCTGTGCGCACTTATGAACAAGCCTCTAATC  
ACTGTTACTAACTCCAAAATCTTGTGTTTCTTCTTACCCCTCAACTCCTGTGCCAAT  
CCGTTTCTCTATGCTATTTTACCAAGGCCTTCCAGAGGGACGTGTTTCATCTGCTCAGC  
AAGTTTGGCATCTGCAAACGCCAGGCCCAGGCCTATCAGGGTCAGAGAGTCTGTCCCAAC  
AATAGCACTGGTATTGATCCAAAAGATTCCCCAGGACACGAGGCAGAGTCTCCCCAAC  
ATGCAAGATACCTATGAAGTCTTGGAACTCCAGCTAGCTCCAAAACCTGCAGGGACAA  
ATCTCAGAAGAGTATAAGCAAACAGCCTTGTAAGGAAAGGCTACGCTAGTCACAGTGAG  
ACTTACAAAAGGCTGGTTTCTTGAACATGCGTTCCAGTCCCGTGACATGTGAACACATAG  
GTTTCATGCAGGTGATGATTCATAGGGTCAGAGTTCATCTCTAGAAAGTATTGCCTC  
(SEQ ID NO:1)

FIGURE 2A